

Appliance Usage Calculator

Energy savings begin with knowing what it costs to operate the many electrical appliances in your home. Once you are armed with this information, you can take the necessary steps to reduce your energy usage & lower your monthly costs.

Use the chart below to determine the average monthly/yearly costs of common appliances based on a \$0.13/kWh rate, which is the approximate cost for Smyrna residential customers.

Large Appliances	Energy Consumption	Usage	Cost Per Month	Cost Per Year
Air Conditioner	233 kWh/Month	4 months/year	\$35.41	\$141.64
Heating System	294 kWh/Month	6 months/year	\$44.68	\$268.09
Water Heater	213 kWh/Month	24 hours/day	\$32.37	\$388.46
Refrigerator	817 kWh/Year	24 hours/day	\$10.35	\$124.17
Freezer	506 kWh/Year	24 hours/day	\$6.41	\$76.90

Large Appliances	Energy Consumption	Usage	Cost Per Load
Clothes Washer (top loading)	2.1 kWh/Load	1 load/week	\$0.32
Clothes Dryer (front loading)	2.3 kWh/Load	1 load/week	\$0.35

Small Appliances	Energy Consumption	Usage	Cost Per Day/Week	Cost Per Month
Broiler	1500 Watts	15 min./day	\$0.23	\$6.84
Deep Fryer	1000 Watts	60 min./week	\$0.15	\$0.61
Drip Coffee Maker	1500 Watts	15 min./day	\$0.23	\$6.84
Garbage Disposal	750 Watts	15 min./day	\$0.11	\$3.42
Microwave	1500 Watts	15 min./day	\$0.23	\$6.84
Percolator Coffee Machine	600 Watts	30 min./day	\$0.09	\$2.74
Slow Cooker	200 Watts	8 hours/week	\$0.03	\$0.12
Toaster	1100 Watts	30 min./week	\$0.17	\$0.67
Toaster Oven	1200 Watts	15 min./day	\$0.18	\$5.47

Home Care Appliance	Energy Consumption	Usage	Cost Per Month	Cost Per Year
Central Vacuum	1000 Watts	60 min./week	\$0.61	\$7.29
Hand Held Vacuum	300 Watts	15 min./week	\$0.18	\$2.19
Vacuum Cleaner	650 Watts	60 min./week	\$0.40	\$4.74

Electronics	Energy Consumption	Usage	Cost Per Month	Cost Per Year
Cable Box	20 Watts	4 hours/day	\$0.09	\$1.09
Computer and Monitor	170 Watts	4 hours/day	\$0.78	\$9.30
Cordless Telephone	2.8 Watts	24 hours/day	\$0.01	\$0.15
Fax Machine	175 Watts	1 hour/week	\$0.11	\$1.28

Electronics	Energy Consumption	Usage	Cost Per Month	Cost Per Year
Home Copier	115 Watts	1 hour/week	\$0.07	\$0.84
Printer	45 Watts	2 hours/week	\$0.03	\$0.33
Satellite Dish	15 Watts	4 hours/day	\$0.07	\$0.82
Stereo	60 Watts	1 hour/day	\$0.27	\$3.28
Standard Color TV	150 Watts	4 hours/day	\$0.68	\$8.21
Color Projection TV	211 Watts	4 hours/day	\$0.96	\$11.54
LCD TV	213 Watts	4 hours/day	\$0.97	\$11.65
Plasma Television	339 Watts	4 hours/day	\$1.55	\$18.55
DVR	33 Watts	4 hours/day	\$0.15	\$1.81
DVD Player	17 Watts	4 hours/day	\$0.08	\$0.93
VCR	11 Watts	2 hours/day	\$0.05	\$0.60
Video Games	195 Watts	2 hours/day	\$0.89	\$10.67

Comfort Appliances	Energy Consumption	Usage	Cost Per Month	Cost Per Year
Ceiling Fan	75 Watts	6 hours/day	\$0.34	\$4.10
Dehumidifier	350 Watts	4 hours/day	\$1.60	\$19.15
Electric Air Cleaner	50 Watts	3 hours/day	\$0.23	\$2.74
Humidifier	75 Watts	2 hours/day	\$0.34	\$4.10
Portable Fan	30 Watts	8 hours/day	\$0.14	\$1.64
Whole House Fan	260 Watts	1 hour/day	\$1.19	\$14.23
Space Heater	1500 Watts	3 hours/day	\$6.84	\$82.07

Miscellaneous	Energy Consumption	Usage	Cost Per Month	Cost Per Year
Aquarium	550 kWh/year	24 hours/day	\$6.97	\$83.59
Clock	18 kWh/year	24 hours/day	\$0.23	\$2.74
Clothes Iron	1100 Watts	60 min./week	\$0.67	\$8.02
Garage Door Opener	53 kWh/year	24 hours/day	\$0.67	\$8.05
Hair Dryer	700 Watts	15 min./day	\$3.19	\$38.30
Home Security System	30 Watts	16 hours/day	\$0.14	\$1.64

Pools and Pumps	Energy Consumption	Usage	Cost Per Month	Cost Per Year
Pool Heat Pump	12000 Watts	6 hours/day	\$54.71	\$656.54
Pool Pump 3/4 hp	750 Watts	24 hours/day	\$3.42	\$41.03
Pool Pump 2 hp	2000 Watts	24 hours/day	\$9.12	\$109.42
Spa	11000 Watts	3 hours/day	\$50.15	\$601.83
Sump Pump	60 Watts	1 hour/day	\$0.27	\$3.28
Well Pump .5 hp	300 Watts	2 hours/day	\$1.37	\$16.41
Well Pump 1.0 hp	600 Watts	2 hours/day	\$2.74	\$32.83
Well Pump 2.0 hp	1200 Watts	2 hours/day	\$5.47	\$65.65